



# കേരള ഗസറ്റ് KERALA GAZETTE

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത്  
PUBLISHED BY AUTHORITY

വാല്യം 4 Vol. IV	തിരുവനന്തപുരം, ചൊവ്വ Thiruvananthapuram, Tuesday	2015 മേയ് 19 19th May 2015 1190 ഇടവം 5 5th Idavam 1190 1937 വൈശാഖം 29 29th Vaisakha 1937	നമ്പർ No.	20
---------------------	---	---	--------------	----

## PART III

### Stores Purchase

#### Technical Education Department

##### ലഘു ദർഘാസ് പരസ്യം

നമ്പർ പി3/835/15/ഇലക്ട്രിക്കൽ. 2015 ഏപ്രിൽ 13.

തിരുവനന്തപുരം എഞ്ചിനീയറിംഗ് കോളേജിലെ ഇലക്ട്രിക്കൽ എഞ്ചിനീയറിംഗ് വകുപ്പിലെ ടെസ്റ്റിംഗ് ലാബിലേക്കാവശ്യമായ സാധനസാമഗ്രികൾ വിതരണം ചെയ്യാൻ താല്പര്യമുള്ള സ്ഥാപനങ്ങളിൽനിന്നും മുദ്രവച്ച ദർഘാസുകൾ ക്ഷണിച്ചുകൊള്ളുന്നു.

ക്രമ നമ്പർ	ഇനവിവരം	എണ്ണം
1	സ്ക്വിറ്റ് എയർ കണ്ടിഷനർ	2
2	സോളാർ എയർ കണ്ടിഷനർ	1

ദർഘാസ് നമ്പർ—2/പി3/2015/ഇലക്ട്രിക്കൽ.

അടങ്കൽ തുക—` 1,20,000.

ദർഘാസ് ഫോറത്തിന്റെ വില :

ഒറിജിനൽ—` 420 ( ` 400 + 5% VAT).

ഡ്യൂപ്ലിക്കേറ്റ്—` 210 ( ` 200 + 5% VAT).

തപാൽ വഴി—` 470.

ദർഘാസ് ഫോറത്തിന്റെ വിൽപ്പനയുടെ അവസാന

തീയതിയും സമയവും—27-5-2015, 2 മണിവരെ.

ദർഘാസ് സ്വീകരിക്കുന്ന അവസാന തീയതിയും സമയവും—28-5-2015, 3 മണിവരെ.

ദർഘാസ് തുറക്കുന്ന തീയതിയും സമയവും—29-5-2015 12 മണി.

വിലനിരക്ക് പ്രാബല്യത്തിലിരിക്കുന്ന തീയതി—30-11-2015.

കൂടുതൽ വിവരങ്ങൾ [www.cet.ac.in](http://www.cet.ac.in)-ൽ ലഭ്യമാണ്.

ദർഘാസ് വില പണമായിട്ടോ മണിയോർഡർ ആയിട്ടോ മാത്രമേ സ്വീകരിക്കുകയുള്ളൂ. ദർഘാസ് നമ്പർ, തീയതി എന്നിവ രേഖപ്പെടുത്തി മുദ്രവച്ച കവറുകൾ പ്രിൻസിപ്പാൾ, എഞ്ചിനീയറിംഗ് കോളേജ്, തിരുവനന്തപുരം-16 എന്ന മേൽവിലാസത്തിൽ അയയ്ക്കേണ്ടതാണ്. താമസിച്ച് ലഭിക്കുന്ന ദർഘാസുകൾ പരിഗണിക്കുന്നതല്ല. ഒറിജിനൽ ദർഘാസ് പ്രമാണത്തോടൊപ്പം ആകെ വിലയുടെ 1% നിരതദ്രവ്യവും ` 20 വിലയുള്ള കേരള മുദ്രപത്രത്തിൽ പ്രാഥമിക കരാർ പത്രവും ഉണ്ടായിരിക്കേണ്ടതാണ്. അല്ലാത്തവ നിരസിക്കുന്നതാണ്.

ദർഘാസ് തുറക്കുന്ന തീയതി മുതൽ ആറു മാസം വരെ വില നിരക്കിന് പ്രാബല്യം ഉണ്ടായിരിക്കേണ്ടതാണ്. ദർഘാസ് പ്രമാണം കൈമാറ്റം ചെയ്യാൻ പാടില്ലാത്തതാണ്. ടെണ്ടർ നടപടികൾ കേരള സ്റ്റോർ പർച്ചേയ്സ് മാനുവലിലെ നിബന്ധനകൾക്ക് വിധേയമായിട്ടായിരിക്കും.

No. P3/835/2015/Electrical.

13th April 2015.

Sealed tenders are invited for the supply of Equipments for the use of Testing Lab of Electrical Engineering Department, College of Engineering, Thiruvananthapuram.

Sl. No.	Items	Quantity
1	Split Air Conditioner	2 Nos.
2	Solar Air Conditioner	1 No.

(For more details visit [www.cet.ac.in](http://www.cet.ac.in))

Tender No.— 2/P3/2015/Electrical.

Estimate Cost— ` 1,20,000.

Cost of tender form :

Original— ` 420 ( ` 400+ 5% VAT).

Duplicate— ` 210 ( ` 200+ 5% VAT).

By post (Original)— ` 470.

Last date and time of sale of tender form—27-5-2015, 2 p. m.

Last date and time of receipt of tender—28-5-2015, 3 p. m.

Date and time of opening of tender—29-5-2015, 12 Noon.

Date upto which the rates are to be firm—30-11-2015.

Address of the Officer from whom tender forms are to be obtained and to whom tenders are to be send—The Principal, College of Engineering, Thiruvananthapuram, Pin-695 016, Kerala.

Intending tenderers may on application to the undersigned to obtain the requisite tender form on which tenders should be submitted. Application for the tender form should be accompanied by a remittance of above prices fixed for the same and which is non-refundable under any circumstances. The tender forms are not transferable. Cost of tender form is only acceptable by Money Order or Cash Remittance to this office. As per condition the tenderer should send along with his tender an agreement executed and signed in Kerala Stamp Paper value of ` 20 and Earnest Money Deposit 1% of the total cost of articles tendered. Tenders without agreement, tender form and Earnest Money Deposit will be rejected. The tender procedures shall strictly be adhered with Kerala Store Purchase Manual.

#### Specifications

Power AC	208/220V, 50/60Hz.
Power DC	30-39 VDC
Cooling capacity	11000 BTU/h
Power input @ Full Cooling operation	920 W
Avg. Power Consumption, Cooling	705 W

Cooling COP	3.5
SEER>	19/35
Heating capacity	12000 BTU/h
Power input @ Full Heating Operation	1025W
Avg. Power consumption, Heating	836
Heating COP	3.5
HSPF	10.1
Indoor Fan Motor	Panasonic DC
Indoor Fan Input	20W DC
Indoor Fan RPM (Hi/Med/Lo)	1250/900/700
Indoor Air Flow (Hi/Med/Lo)	412/295/235CFM
Indoor Noise Level (Hi/Med/Lo)	39/29/26 dB
Indoor Unit Dimension (W×D×H)	35.5" × 6.5" × 11.2"
Solar Power Input (Max.)	< /=780W
Solar Power Input (Max.)	< /=20a
Operating Range (Cooling/heating)	20F-122F/5F-90F
Outdoor Noise Level	55 db
Outdoor Fan Motor	Panasonic DC
Outdoor Fan Input	35W DC
Outdoor Air Flow	1295 CFM
Outdoor Unit Dimension (W×D×H)	30" × 11.2" × 23.2"
Compressor	BLDC DC Inverter (Rotary)
Refrigerant	R410A/46 oz
Max. Line set Length/Elevation	65 ft./26ft.
Moisture Removal	.25 G/h
Rated Current (RLA)	5.3A
DC Locked Rotor Amp (LRA)	10A
Refrigerant Oil	VG74/17 oz
Design Pressure	550/340 PSIG
Liquid side/Gas side	1/4" / 1/2"
DC Connection/Wire	MC4/AWG 10/12

#### Technical Specifications

1.5 ton, 3 star Split Air Conditioner with Voltage Stabilizer  
Nominal Capacity : 1.5 ton  
Cooling capacity : 5.25 kW ± 2%  
Input : 230 V/50Hz/Single Phase  
Coefficient of performance : 3 (Minimum)  
Max. Ambient temperature : 48°C ± 5%

By post (Original)—` 975.

Last date and time of sale of tender form—  
25-5-2015 at 3 p. m.

Last date and time of receipt of tender form—  
25-5-2015 at 4 p. m.

Date and time of opening of tender—26-5-2015 at  
11 a. m.

Intending tenderers may on application to the undersigned to obtain the requisite tender form on which tenders should be submitted. Application for the tender form should be accompanied by a remittance of above prices fixed for the same and which is non-refundable under any circumstances. The tender forms are not transferable. Cost of tender form is only acceptable by money order or cash remittance to this office. As per condition the tenderer should send along with his tender an agreement executed and signed in Kerala Stamp Paper value of ` 100 and Earnest Money Deposit 1% of the total cost of articles tendered. Tenders without agreement, tender form and Earnest Money Deposit will be rejected.

#### SPECIFICATIONS

- Providing and fixing good quality vitrified tile  $600 \times 600 \times 10.5$  mm size in cm 1:5 the existing floor make rough so as to get good bond, floor neatly finished with tile mat, provide 10 cm height skirting, including all cost of materials, labours and conveyance etc., complete.

##### Ground Floor

$$5.40 \times 3.50 = 18.90$$

$$2.40 \times 2.00 = 4.80$$

$$3.50 \times 3.20 = 10.50$$

$$1.80 \times 3.20 = 5.76$$

$$1.60 \times 2.40 = 3.84$$

$$43.80 \text{ m}^2$$

##### First Floor

Cubicles	—	$1 \times 10.80 \times 10.10 = 109.08$
----------	---	--

Conference Hall	—	$1 \times 5.45 \times 3.20 = 17.44$
-----------------	---	-------------------------------------

Stair case portion	—	$1 \times 5.40 \times 1.20 = 6.48$
--------------------	---	------------------------------------

	—	$1 \times 5.40 \times 1.40 = 7.56$
--	---	------------------------------------

	—	$1 \times 3.50 \times 1.60 = 5.60$
--	---	------------------------------------

	—	$1 \times 3.50 \times 1.00 = 3.50$
--	---	------------------------------------

Steps	—	$18 \times 1.30 \times 2.20 = 8.91$
-------	---	-------------------------------------

Landing	—	$1 \times 1.30 \times 2.20 = 2.86$
---------	---	------------------------------------

$$161.43 \text{ m}^2$$

- Providing and fixing good quality floor tiles  $400 \times 400 \times$  size, in CM 1:5, neatly finished with tile mat, including all cost of materials, labours and conveyance etc. complete.

$$\text{Toilet—} 2 \times 2.00 \times 1.70 = 6.8 \text{ m}^2$$

- Providing and fixing good quality ceramic wall tile  $200 \times 300$  mm in CM 1: 5, neatly finished with tile mat, including all cost of materials, labours and conveyance etc. complete.

$$\text{Toilet wall—} 7.40 \times 1.70 = 12.58$$

##### Deduction

Door	—	$12.58 \times 2.55 \times 1.70 = 2.55$
------	---	--

Net total	—	$12.58 - 2.55 = 10.03 \text{ m}^2$
-----------	---	------------------------------------

- Providing and fixing good quality Fiber door frame with shutter  $75 \times 170$  cm to suit the existing door opening and also provide necessary aldrop outside, towerbolt, hook inside including all cost of materials, labours and conveyance etc. complete.

$$\text{Door—} 75 \times 170 \text{ cm} - 2 \text{ Nos.}$$

- Providing and fixing Europe type water closet with necessary trap and fitting S. S water trap shower, health hose, Wash basin, S. S angle Cock, S. S tap, towel rod, soap dish etc. including all cost of materials, labours and conveyance etc. complete for total.

$$\text{Toilet—} 2 \text{ Nos.}$$

- Providing and fixing Irul wood door frame with flush door shutter, 6" brass hinges, tower bolt at top and bottom, door stopper handles, lock etc., including all cost of materials, labours and conveyance etc., complete at the entrance of conference hall.

$$\text{Door—} 1.00 \times 2.00 \text{ m} - 1 \text{ No.}$$

- Providing and fixing coated wire mesh which is welded in iron angle frame  $25 \times 3$  mm size fixed over the existing gap between the top of the wall and underside of roofing sheet.

$$\text{Side—} 2 \times 14 \times 0.3 = 8.4 \text{ m}^2$$

$$\text{Front and back—} 2 \times 5.5 \times 1.00 = 11 \text{ m}^2$$

$$19.4 \text{ m}^2$$

- Replace the existing entrance door and make the wall opening  $120 \times 200$  cm size, and shift the existing main switch and KSEB meter board to the existing wall beyond the opening, provide an R. C. C. lintel over the opening ( $1.70 \times 0.2 \times 0.2$  M) finishing with plastering in CM 1:5, including all cost of materials, labours and conveyance etc. complete.

- Providing and fixing powder coated  $2\frac{1}{2}" \times 1\frac{1}{2}"$  Aluminium section door frame (except bottom) suit the door opening of  $120 \times 200$  cm, and also provide Pat Glass door shutter 12mm thick glass with bottom, Floor springs, Handle, Lock etc. including all cost of materials, labours and conveyance etc. complete for main entrance  $120 \times 200$  CM

$$120 \times 200 \text{ cm—} 1 \text{ No.}$$

10. Removing the existing damaged Bathroom door at GF and neatly finished the wall with plastering in CM 1:5, including all cost of materials, labours and conveyance etc. complete.
11. Providing and fixing  $\frac{3}{4}$ " PVC water supply pipe line from the over head tank to toilet with necessary fittings like elbow, bent "Tee", clamp etc. including all cost of materials, labours and conveyance etc.  
Length—15 mts.
12. Providing and fixing 4" PVC drainage pipe line from the toilet to the existing septic tank near canteen for the removal of the sewage from toilet including all cost of material, labour and conveyance etc. complete.  
Total length—30 m.
13. Providing and fixing manhole with cover in brick masonry in CM 1:5 and neatly finished with CM 1:4, including all cost of materials, labour and conveyance etc. complete.

Government College of Engineering,  
Kannur.

(Sd.)  
*Principal*

---